

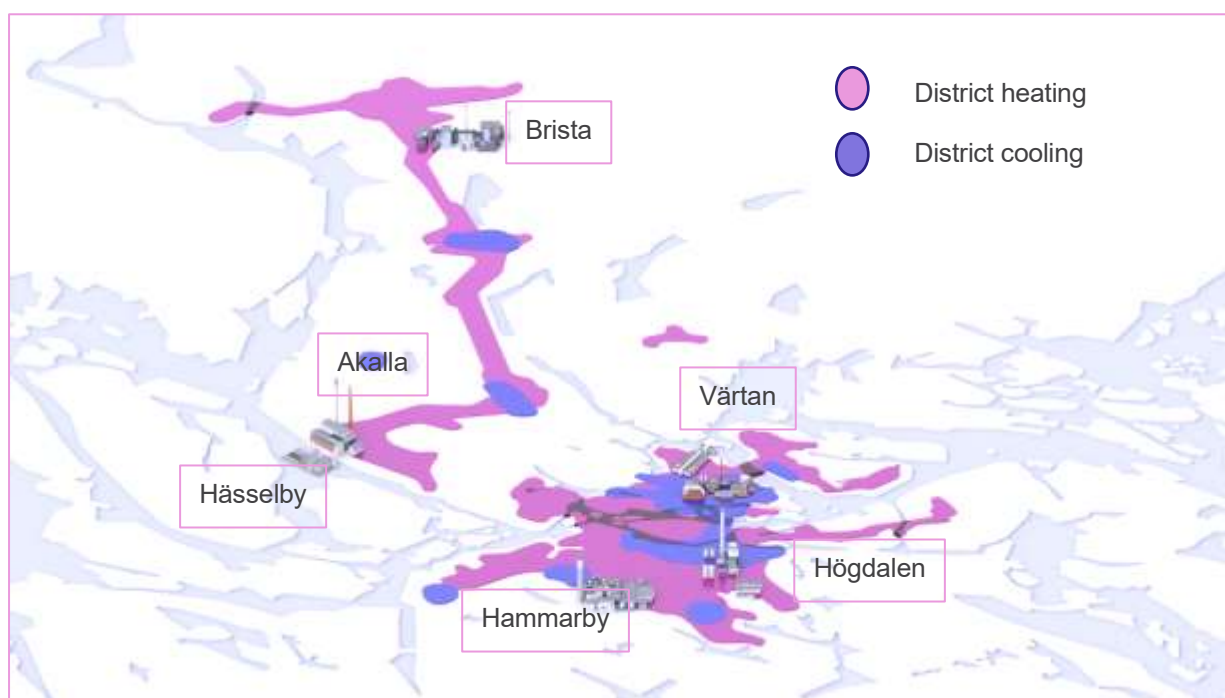
Stockholm Exergi production narrative

Stockholm Exergi is Stockholm's largest energy company. We secure the growing need of heating, cooling, electricity and management of waste services of the Stockholm region. Today there are more than 800,000 Stockholmers and just over 400 hospitals, data centers and other activities connected to the district heating network, connected to our heating and cogeneration plants from Högdalen in the south to Brista in the north, about 45 km. With joint force we drive Stockholm forward with the potential to become the world's first climate - positive capital.

Owners: City of Stockholm and Fortum, 50 percent each

Area we heat: 73 million square meters

Proportion of renewable or recycled energy in district heating: 99 percent



About 30 production sites with a total capacity of 3 700 MW heat, 700 MW electricity and 370 MW cooling. In total the network adds up to 2900 km district heating pipe lines, 250 km district cooling pipe lines.

The networks is connected with other district heating companies which through cooperation enables a more optimal production and an increased redundancy.

Some cooling sites uses heat pumps which heat delivers in winter time to the closest district heating network. The cooling network are very small in comparison with the heating networks and therefore the heat from the cooling production is supplied to a much larger area.

Cooling sites

| Delivers cooling to: | Delivers heating to: | Cooling site | Type | Cooling towers | Built | MW cooling | MW heating |
|----------------------------|----------------------|--------------|---------------------------------------|----------------|--------------|------------|------------|
| City southern | City southern | Ropsten | Heat pumps and free cooling from lake | | 1986/1994 | 126 | 100 |
| City southern | City southern | Nimrod | Heat pumps and cooling units | | 2001 | 40 | 48 |
| City southern | | Hornsberg | Rock storage | | 2010 | 70 | |
| City southern | | Akviferen | Aquifer reserves | | 1998 | 5 | |
| City southern | City southern | Hammarby | Heat pumps and cooling units | | 1986-1991 | 60 | 250 |
| Kista / Akalla | North western | Akalla | Heat pumps and cooling units | X | 2003/2004 | 28 | 22 |
| Skärholmen / Kungens kurva | | Skärholmen | Cooling units | X | | 11 | |
| Farsta | City southern | Farsta | Heat pumps and cooling units | X | | 4 | 0,3 |
| Vilunda / Infra city | North western | Vilunda | Heat pumps and cooling units | X | | 16 | 22 |
| Larsberg / AGA | | Lidingö | Free cooling lake | | | 7 | |
| Älvsjö | | Älvsjö | Cooling units | X | | 8 | |
| | | | | | TOTAL | 370 | 442 |

Heating - City southern network: From Lidingö / Norrbacka / Ulvsunda / Sickla down to Skärholmen / Hagsätra /Farsta

Heating - North western network: Sigtuna, Märsta, Upplands väsby, Sollentuna, Kista Akalla, Tensta, Lunda, Hässelby, Vällingby

Cooling – City southern network: Norrbacka, Vasastaden, Gärdet, Östermalm, Norrmalm, Kungsholmen, Gamla stan, Södermalm, Årsta dal, Sickla, Hammarby sjöstad, Johanneshov

Larger heating sites

| Delivers heat to: | Production site | Type | Fuels | Built | MW heating | MW power production |
|-------------------|-----------------|----------------------|-------------------------------|--------------|------------|---------------------|
| North western | Brista | CHP | Municipal waste, wooden chips | 1997 / 2013 | 177 | 62 |
| North western | Hässelby | CHP / boilers | Wooden pellets, bio oils | 1959 | 185 | 58 |
| City southern | Värtan | CHP / Heat pumps | Wooden chips, bio oils | 1976-2016 | 1720 | 485 |
| City southern | Hammarby | Heat pumps / boilers | Bio oil | 1986-1991 | 416 | |
| City southern | Högdalen | CHP / boilers | Municipal waste, bio oils | 1970-2004 | 298 | 94 |
| | | | | TOTAL | 2796 | 700 |

CHP – combined heating and electrical power production